

Ohio Environmental Protection Agency  
General Wetland Mitigation Monitoring Requirements

Annual water quality, hydrology, and vegetation surveys shall be conducted. A report containing these data shall be submitted to Ohio E.P.A. for each of five consecutive years following completion of mitigation construction. The first annual report is due to Ohio E.P.A. by December 31 of the year following completion of mitigation construction. All subsequent reports shall be submitted by December 31 of each of the five monitoring years. The reports shall contain, at a minimum, the following information:

Water Chemistry Monitoring: A grab sample shall be collected in May of each monitoring year in each wetland mitigation area. The samples shall be analyzed for ammonia, nitrates, nitrite, carbon, total sulfates, total iron, total manganese, specific conductivity, pH, turbidity, total suspended solids heavy metals and biochemical oxygen demand.

Hydrology Monitoring: Water level data shall be collected in May and late August of each monitoring year. Ground water levels shall be measured in the absence of inundated conditions.

Vegetation Monitoring: The location and name of each plant community type within the mitigation area and buffer area shall be marked on a scaled drawing or scaled aerial photograph (base map) and named.

A representative observation point shall be selected in each plant community type in each distinct wetland mitigation area. This shall be a point which best represents the characteristics of the entire plant community. The observation points shall be marked on the base map.

The dominant plant species shall be visually determined in each vegetation layer of each community type, and the specific names of these species shall be included in the report. Dominant species are those species which have the greatest relative basal area (woody overstory), greatest height (woody overstory), greatest percentage of aerial coverage (herbaceous understory), and/or greatest number of stems (woody vines).

Each sample point shall be photo documented from the same position and angle during July of each monitoring year.

The applicant shall arrange an on-site mitigation meeting with Ohio E.P.A. on the third year after wetland mitigation construction. The purpose of this inspection is to determine if the mitigation project has been constructed in accordance with the agreement between the applicant and Ohio E.P.A.. If necessary, Ohio E.P.A. may make recommendations to improve the wetland. The applicant is responsible for undertaking any reasonable modification identified by Ohio E.P.A..

The applicant is responsible for ensuring the wetland is not filled, drained, or otherwise converted to upland. If the property is sold, the deed shall ensure that the wetland will not be filled, drained, or otherwise converted to upland.